

Embosoft Microspheres

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General description of Embosoft Microspheres

Embosoft is a medical device that is done to promote the vascular occlusion after selective delivery by microcatheter. The product is composed of microspheres made of polyvinyl alcohol (PVA) and bovine gelatin dispersed in saline, stored in a cyclic olefin copolymer (COP) syringe, packaged individually in a polycarbonate blister thermally sealed with Tyvek and sterilized by steam. Each syringe is intended for single use only on one patient and should not be resterilized. Embosoft is available in 1 or 2 mL of microspheres, completed with 9 or 8mL of saline and in five size ranges: 100-300 µm, 300-500 µm, 500-700 µm, 700-900 µm, 900-1100 µm.



Models and References

Product Codes and Description
128283 - EMBOSOFT MICROSPHERES 100-300 1ML - SCITECH
128284 - EMBOSOFT MICROSPHERES 300-500 1ML - SCITECH
128285 - EMBOSOFT MICROSPHERES 500-700 1ML - SCITECH
128286 - EMBOSOFT MICROSPHERES 700-900 1ML - SCITECH
128287 - EMBOSOFT MICROSPHERES 900-1100 1ML - SCITECH
128288 - EMBOSOFT MICROSPHERES 100-300 2ML - SCITECH
128289 - EMBOSOFT MICROSPHERES 300-500 2ML - SCITECH
128290 - EMBOSOFT MICROSPHERES 500-700 2ML - SCITECH
128291 - EMBOSOFT MICROSPHERES 700-900 2ML - SCITECH
128292 - EMBOSOFT MICROSPHERES 900-1100 2ML - SCITECH

Indications for use

Embosoft microspheres can be used for vascular occlusions being indicated for use in:

- Embolization of hypervascular tumors and process, including uterine fibroids, meningiomas, etc.
- Embolization of the prostate arteries for relief of symptoms related to Benign Prostatic Hyperplasia.
- Haemostatic embolization.

Contraindications

- Patients who do not tolerate occlusion procedure;
- Positioning the microcatheter in the target lesion is not possible;
- The arteries leading to the injured part are small enough not to allow the passage of the microspheres;
- Presence of probable principle of vasospasm;
- Final orientation of arteries directed to the cranial nerves;
- Presence of extra anastomosis to the pronounced intracranial and deviations;
- High-flow arteriovenous shunts or with a diameter greater than the selected microspheres.
- Use in the pulmonary vasculature.
- Severe atherosclerosis.
- Patients with known allergy to gelatin.
- 100-300 µm microspheres are not recommended for use in the bronchial circulation

Precautions, restrictions, warnings, special care and clarification on the use of the product are available in the Instructions for Use.